

Name: **M. Rama Devi**
 Designation: Assistant Professor.
 Department: ECE
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Experience (in years): 24 Teaching: 6.5 Research: nil Others (If any, Specify): 19

1. Assistant Professor (since 2016 to till date) at VNRVJIET, Hyderabad.
2. Instructor (1997-2015) at VNRVJIET, Hyderabad.

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	Ph.D	Registered in 2021	Wireless Communications
2	M.Tech.	2015	Embedded Systems
3	B.Tech.	2013	Electronics & Communication Engineering

2. Teaching and Learning:

- 2.1. Teaching Interests: Embedded System, ERTOS, STLD, CO, Analog Communication system, Digital Communication system, Control Systems, IoT, EDC.
- 2.2. Novel Teaching & Learning Techniques adopted: Teaching through Exercises and Projects PPT, Videos, POGIL, LBD, Group Discussion, Quiz, Mind map, WIT and WIL, Lab Protocol
- 2.3. Involvement in curriculum updating / Design: Involved in Lab Protocol Design, Story Board Design of MPMC Lab.

3. Co-curricular and Extra-Curricular Activities

- 3.1. Interests and Hobbies: Interest in Teaching, Helping students who are slow learners and encourage students to study and work hard.
- 3.2. CCA/ECA Organized: One of the Member in conduct many students cultural, annual day, sportsday functions.
- 3.3. CCA/ECA participated: Involved in conduct many student's activities at VNRVJIET.
- 3.4. Counseling and Mentoring Activity: Mentoring II, and IV B. Tech students, Counseling students when required.
- 3.5. Committees involved in:
 - Department level:
 - Involved to Establish Laboratories in the Department.
 - Handled EDC, ECA, Communications Laboratories.
 - Institute Level:
 - Member in Women Welfare Committee at VNRVJIET.

4. Conference / Workshop / Seminar / Guest Lectures:

- 4.1. Conducted: Nil
- 4.2. Attended:
 1. Staff Development Program on "B. Tech ECE Practical courses" during 9th to 13th June 2003, at Sreenidhi Institute of Science and Technology, Hyderabad.
 2. Short Term Course on "Repair and Maintenance of Electronic Test Equipment" during 12th to 30th Apr 2004, at Advanced Training Institute for Electronics & Process Instrumentation, Ramanthapur, Hyderabad.
 3. Short Term Course on "Embedded Systems" during March 2006 at VNRVJIET, Hyderabad.
 4. Staff Development Program on DSP Processor Architectures & Programming" during Dec 2011, At VNRVJIET, Hyderabad.
 5. AICTE Sponsored FDP on "Trends in Wireless Communication and evolution tools" during 11th to 23rd may 2015, at VNRVJIET.

6. AICTE Sponsored FDP on “Real Time Embedded System Development” during 18th to 30th Nov 2013, at VNRVJIET.
7. Texas Instruments India University Program on “Texas Instruments Innovation Challenge – India Analog Design Contest” during 16th Sep to 12th Oct 2014, at VNRVJIET.
8. TEQIP-II Sponsored Work shop on "Skill Up gradation on Open source Platform(Linux)" during 17th to 18th May 2013, at VNRVJIET.
9. TEQIP-II Sponsored Work shop on "Real time Applications using LABVIEW" at VNRVJIET during 1st - 4th July 2015.
10. Attended 4th International IEEE conference on “Computing, Communication and Sensor Networks” Organized by IEEE(EDS) Kolkata chapter on 24-25th December 2015 in Kolkata.
11. FDP on “Recent Trends in Signal Processing and Its Applications” conducted by NITW 22nd June to 1st July, 2017
12. Participated in one week training program on “Instructional design and delivery system” during 11th to 16th December 2017, at VNRVJIET.
13. Registered for NPTEL Online Courses and Certification on “Introduction to Internet of Things” with 12 weeks duration from 30th July, 2018 and appeared for the online exam on 28th Oct 2018 and received the Elite certificate.
14. Participated in 12 weeks NPTEL-AICTE Faculty development Programme on “Introduction to Internet of Things” Funded by the Ministry of HRD, Govt of India from 30th July, 2018 to 20th October, 2018.
15. Participated in Two days training program on “IOT and Drones” during 26th and 27th January 2019, AI Group of VNRVJIET, Hyderabad in Association with leading India of Bennett University and IEEE Student branch of VNRVJIET.
16. Participated in 1 weeks FDP on “Recent Communication Tools and Its Application” organized by St. Martin’s Engineering College, from 19th May to 23rd May, 2020.
17. Participated in 1 weeks FDP on “AI and Deep Learning” organized by Benneett university, from 4th May to 8th May, 2020.
18. Participated in 1 weeks FDP on “Internet of Things” organized by AICTE under the scheme of ATAL Academy Programme Organized by Indian Institute of Information Technology, Nagpur, from 30th April to 4th May, 2020.
19. Participated in 1 weeks FDP on “LaTeX & Technical Report Writing” organized by Dept. of Mathematics, Kakatiya University, in collaboration with Spoken tutorial IIT Bombay, from 25th May to 30th May, 2020.
20. Participated in 2 weeks FDP on “Advance Data Structures” organized by VNRVJIET, Department of CSE in collaboration with Computer Society of India(CSI VNR SC), from 1st June to 11th June, 2020.
21. Participated in 1 weeks FDP on “Evolution of 5G” organized by KGiSL Institute of Technology, Coimbatore, from 29th June to 4th July, 2020.
22. Participated in 1 weeks FDP on “Effective online Teaching using ICT tools” organized by VNRVJIET, Department of CSE in collaboration with Computer Society of India(CSI VNR SC), from 29th June to 4th July, 2020.
23. Register for COURSEERA Online Course from University of Michigan and Certification on “Python 3 Programming-Basics.” from 15th June to 3rd July, 2020.
24. Participated in 2 weeks FDP on “Wireless Communication Technologies for IoT” organized by Electronics and ICT Academies, under the “Scheme of financial assistance for setting up of Electronics and ICT Academies” of the Ministry of Electronics and Information Technology (MeitY), Government of India. from 27th July to 7th Aug, 2020.

25. Register and successfully completed and received a Certificate for edX Online Course from University of WASEDA on “IoT111x: IoT System Design: Software and Hardware Integration” on 14th July 2020.
26. Participated in 1 weeks FDP on “Mathematics for Data Science” organized by VNRVJIET, Department of CSE in collaboration with Computer Society of India and IEEE CS chapters from 26th to 31st October ,2020.
27. Participated in 1 weeks FDP on “Basics of Python Programming” organized by VNRVJIET, Department of ECE in collaboration with IEEE SP chapters from 19th to 13st November ,2020.
28. Participated and published a paper in 5th International conference on “VLSI, communication and Signal processing” organized by MNNIT, Allhabad, Prayagraj from 14th to 16th October, 2022.

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures: Nil

5.2. Articles/Chapters published in Books: Nil

5.3. Books published as single author or as editor: Nil

5.4. Projects Guided: UG :2, PG:1

5.5. Research Interests: Embedded System, IOT and Wireless Communication.

5.6. Ph.D students: Nil

5.7 Papers published in National / International Journals: Nil

S.No	Title of the Paper	Journal Name VolNo. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
1	Voice acknowledgment based remote home computerization framework.	International Journal of Research, ISSN NO:2236-6124	Volume VIII, Issue III, March/2019	5.7	International
2	Development of Text to Speech Conversion System for Low Vision and Blind People	International Journal of Reference ISSN: 2278-3075	Volume-9 Issue-6, April 2020		International
3	Implementation of 16bit Fully Parallel Polar Encoder and Decoder using Partially Parallel Register Less Technique	IJAREEIE, ISSN:2278-3075	Volume 9, Issue 9, July 2020.		International
4	IoT Evaluating Indoor Environmental Quality Check of Air and Noise	Materials Today: Proceedings, ISSN NO:2214-7813, Elsevier publications.	16 APR 2021.	SNIP .657	International

5.8. Papers presented at National / International Conferences:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	An Interactive System for Paralysed Patients Based on Eye Blink	CCSN :Computing, Communication and Sensor Networks	International	24-25 December 2015
2	Performance Analysis of Downlink Cooperative NOMA System	VCAS: VLSI, communication and Signal processing	International	10 APR 2023

5.9. Sponsored research Projects:

5.10 Consultancy Projects:

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed

6. Awards / Honors received:Received ELITE Certificate for 12 week online course “Introduction to Internet of Things” during June to October 2018 conducted by NPTEL

Received the ELITE certificate for Python 3 Programming-Basics conducted from 15th June to 3rd July, 2020 conducted by NPTEL.

7. Motto: There is no substitute for hard work.